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Declass Review by NIMA / DoD

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(Potential Supplier)

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Target Recon and Immediate Location System (TRAILS)

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Head Reconnaissance/Intelligence Program office.

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This is an in-house funded study program aimed at development of a reconnaissance mapping system. It covers both the airborne and ground based aspects. If [redacted] has not been briefed on this program, it would be worth his while to take a look at it. They have evolved a system using multiple laser ranging to record highly precise determination of vehicle. While this is of prime importance in cartographic bridging, it is also a potentially accurate answer to the Interpreter's question "Where am I". To answer such a question, they combine their approach with the output of the six degrees of freedom measured by an inertial platform.

Automatic Photo Reading

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Research Laboratory.

This also is an in-house funded program to achieve automatic target recognition. While they have done this successfully, they have no solution to the varying scale, varying orientation situation which plagues everyone.

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Of more interest probably is their work with automatic texture classification such as their urban-rural discrimination work. I have a report and some samples which I will give to [redacted] on his trip here.

I strongly recommend George visit these people while he is out here.

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